

Drawings

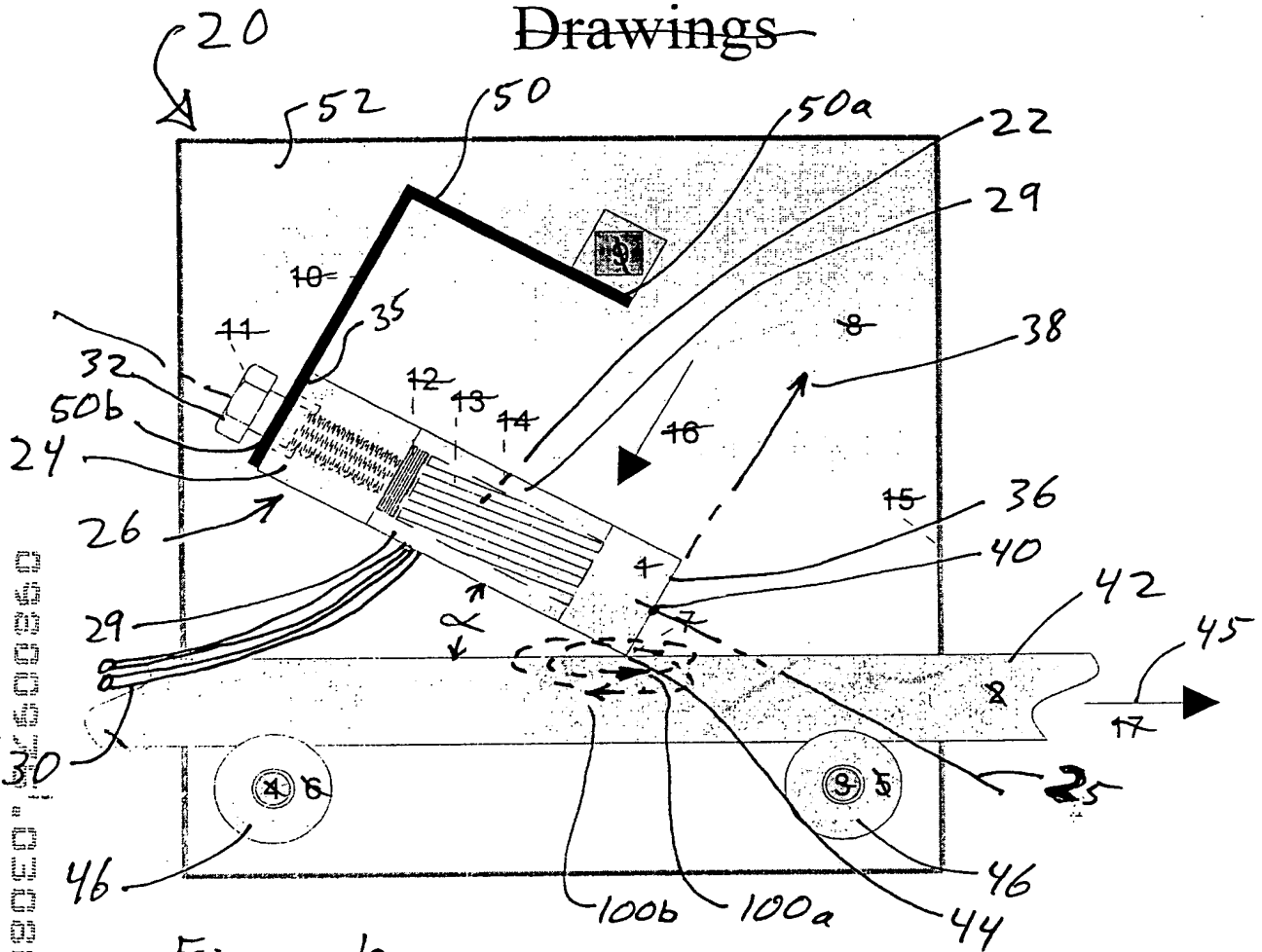


Figure 1a

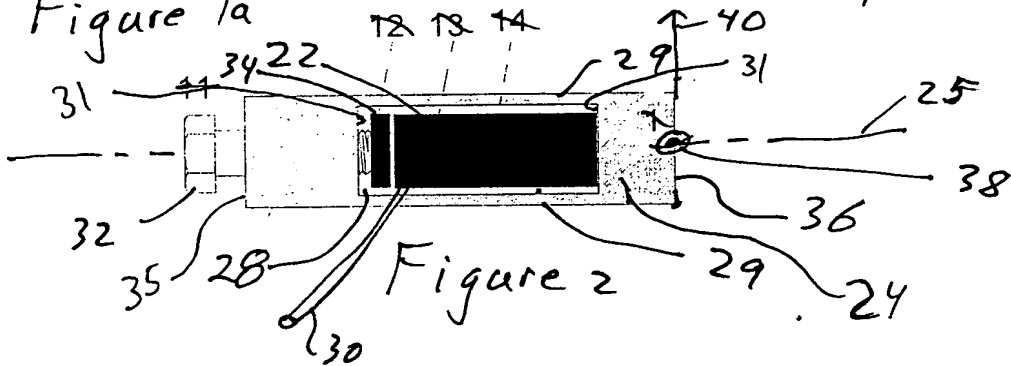


Figure 2

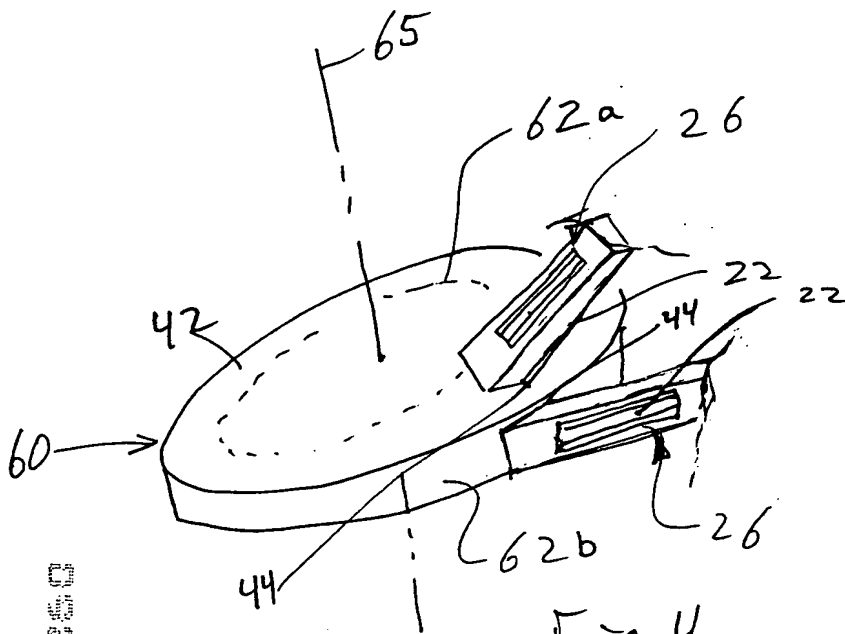


Fig. 4

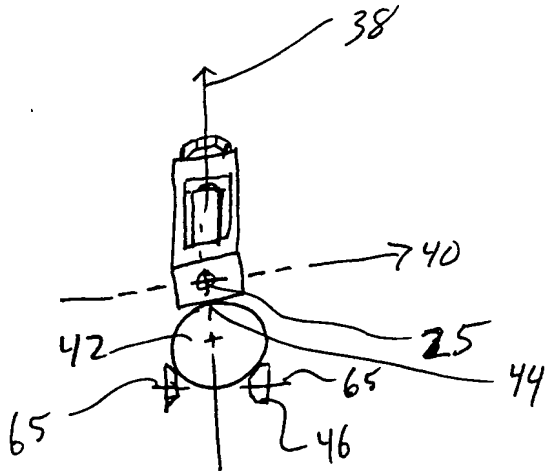


Fig. 3

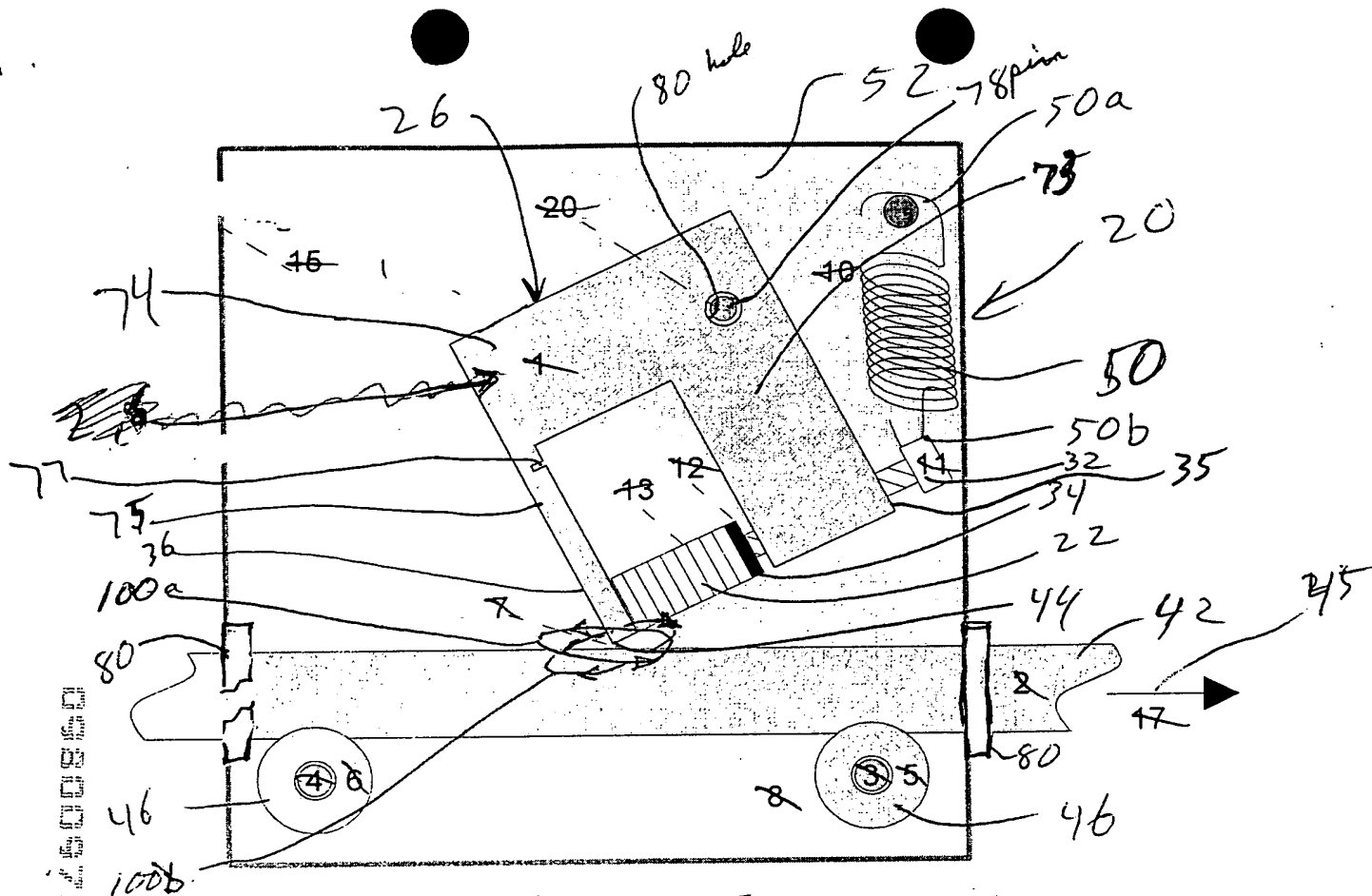
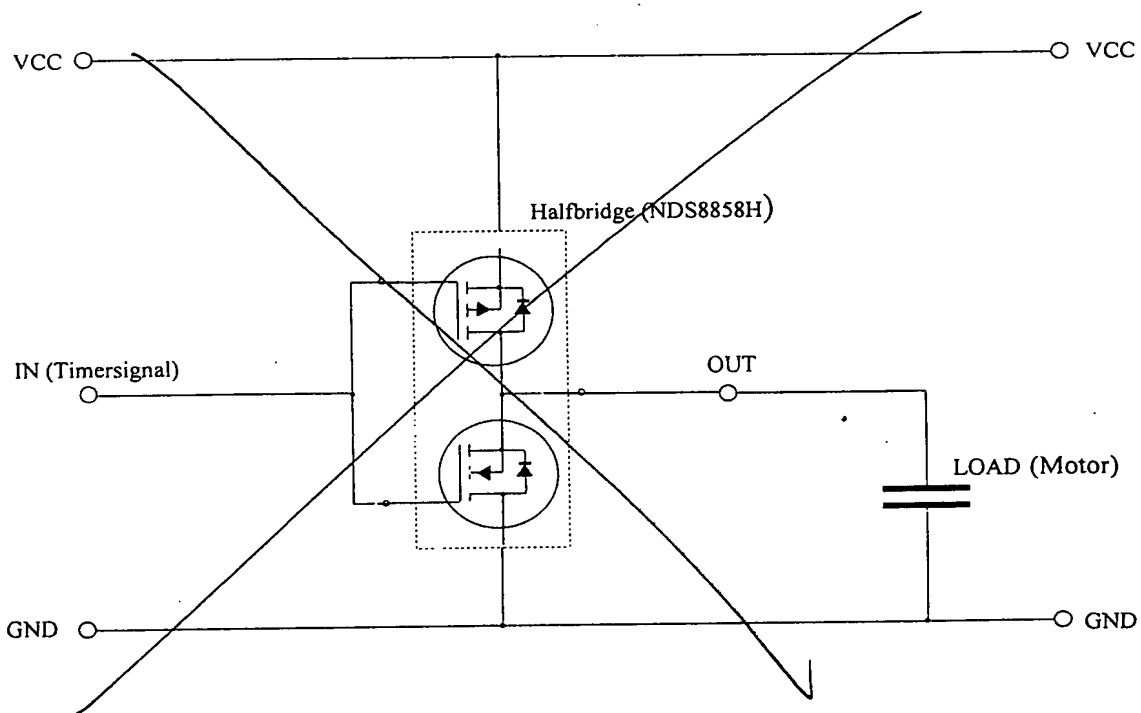


Figure 5



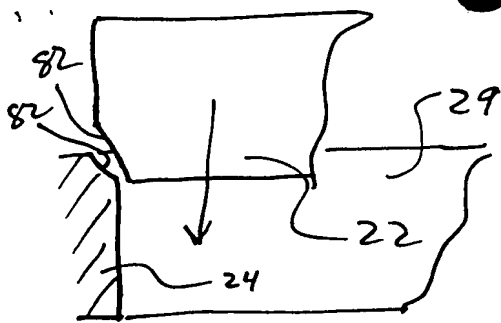


Figure 7b

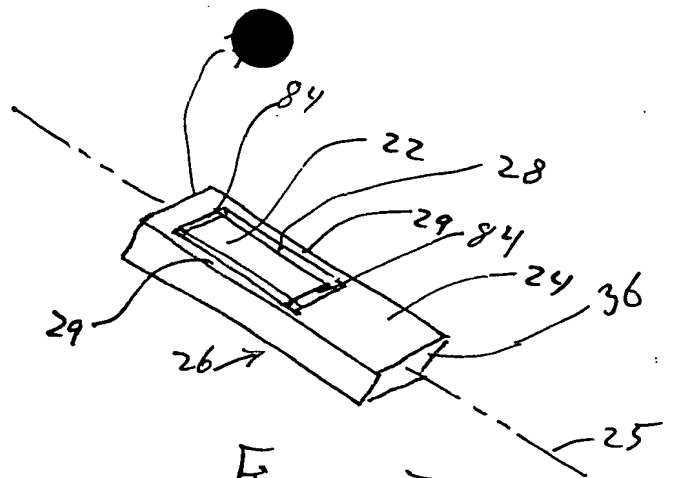


Figure 7a

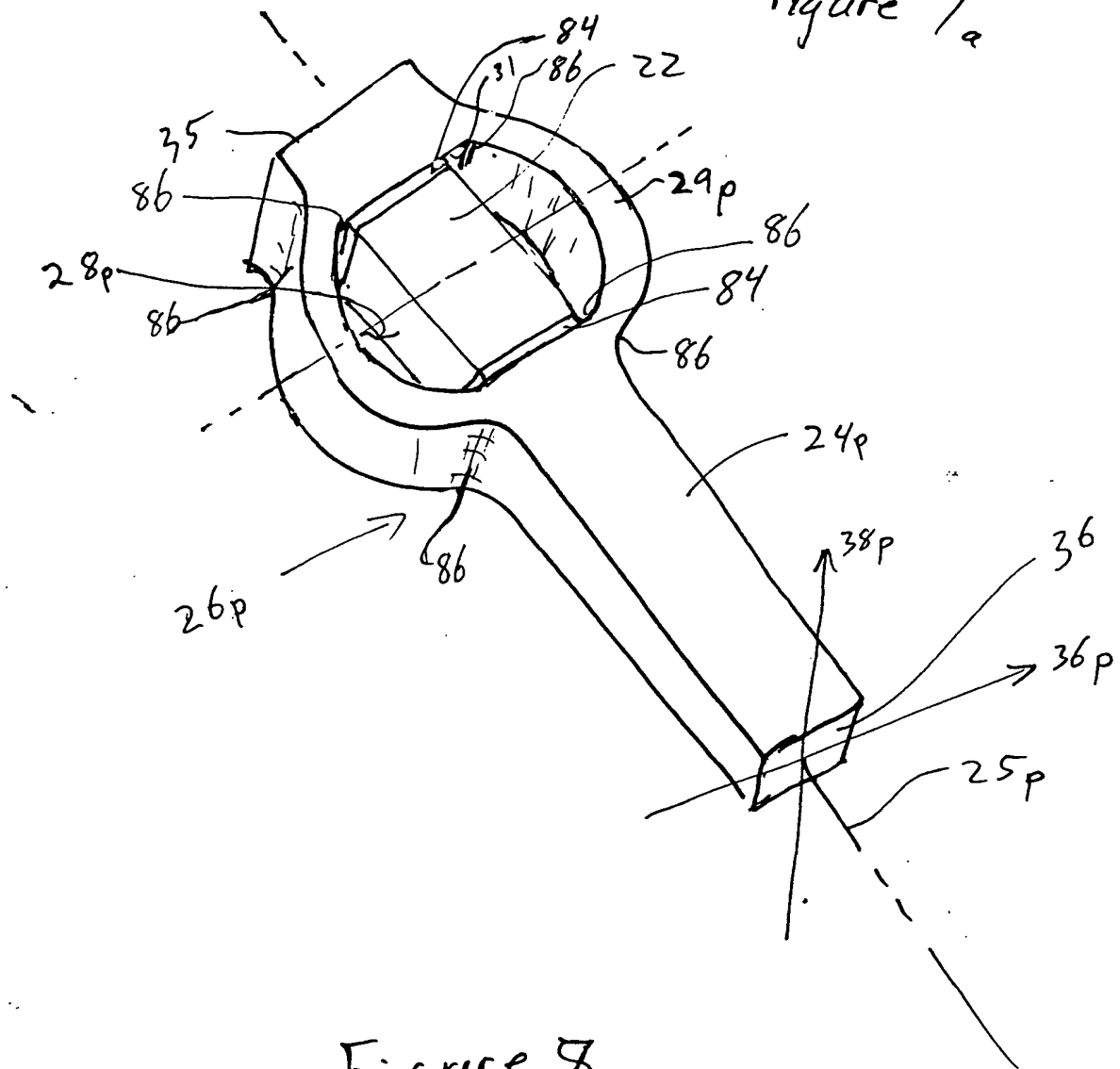


Figure 8

FIG. 7a

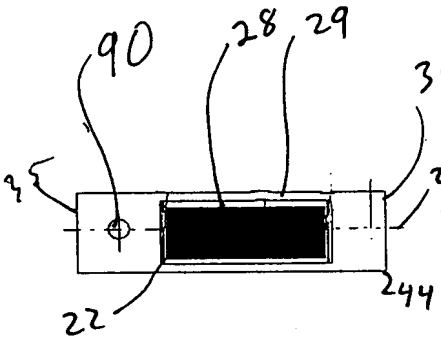


Figure 9

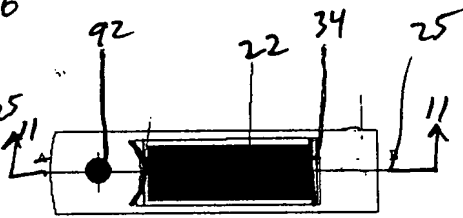


Figure 10

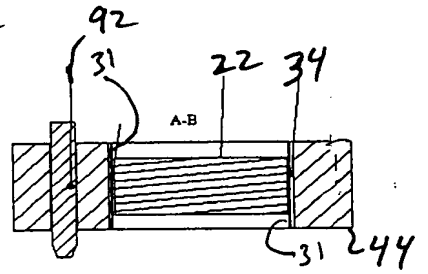


Figure 11

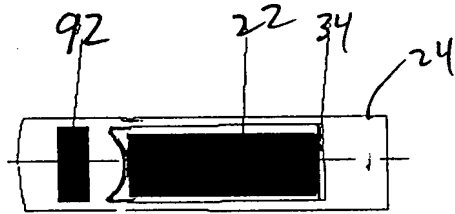


Figure 12

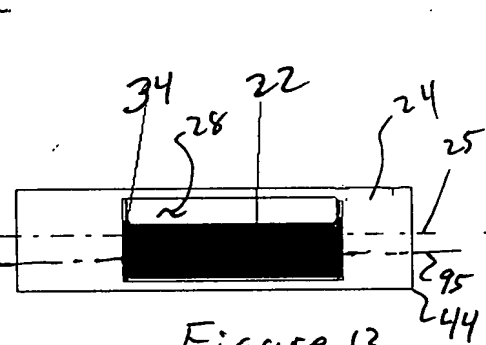


Figure 13

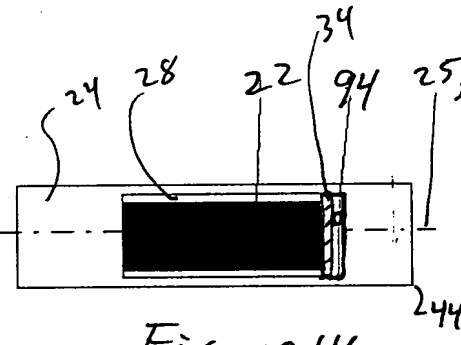


Figure 14

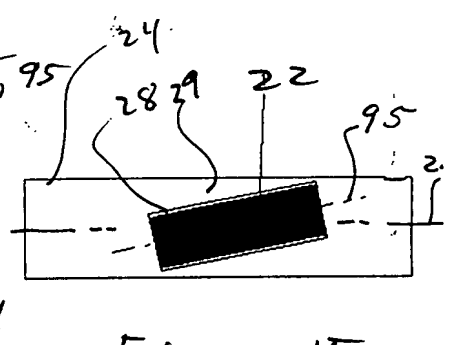


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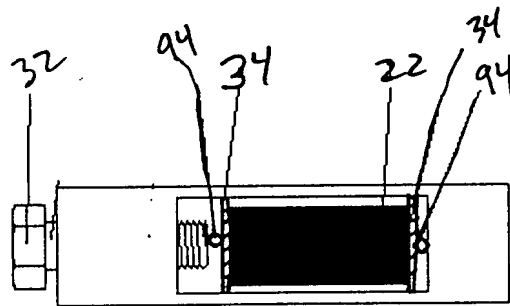


Figure 16

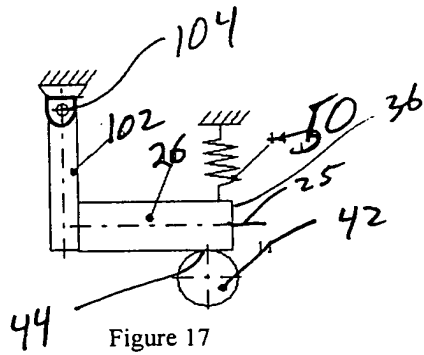


Figure 17

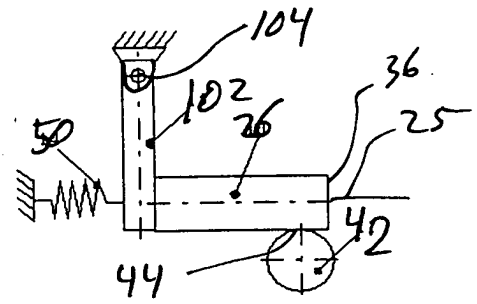


Figure 18

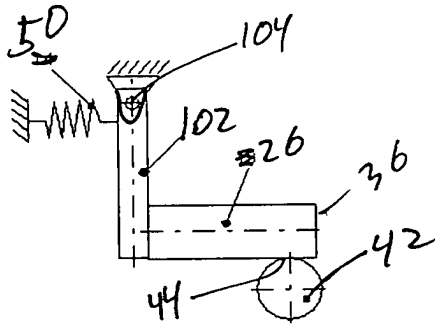


Figure 19

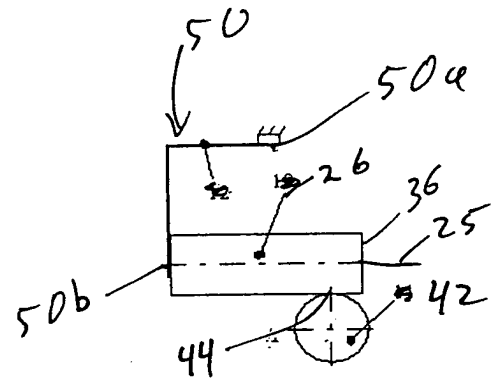


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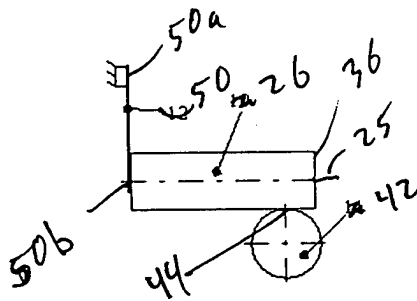


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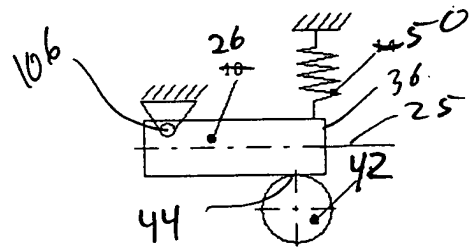


Figure 22

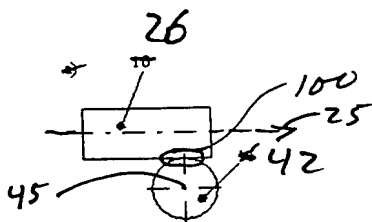


Figure 23

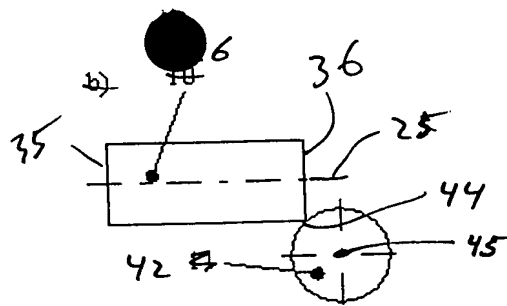


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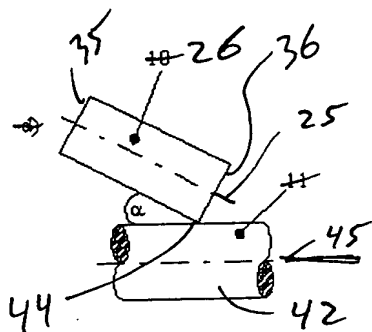


Figure 25

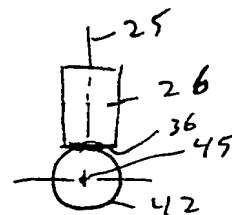


Figure 26

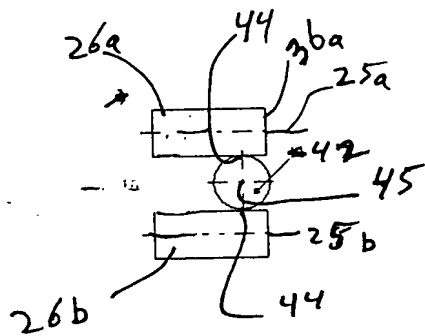


Figure 27

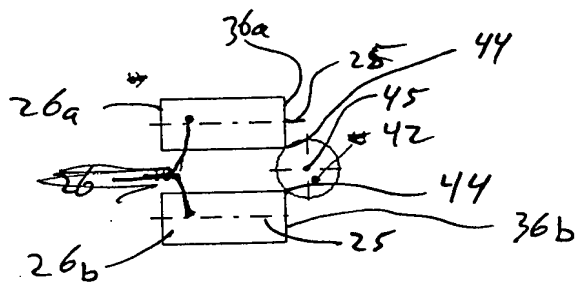


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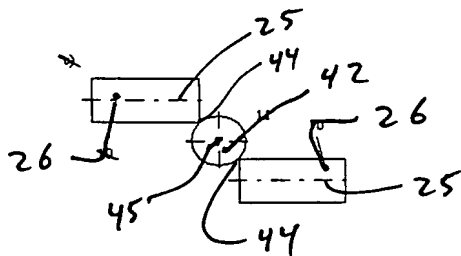


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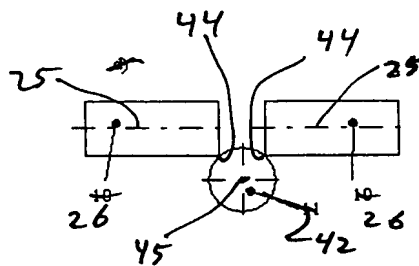


Figure 30

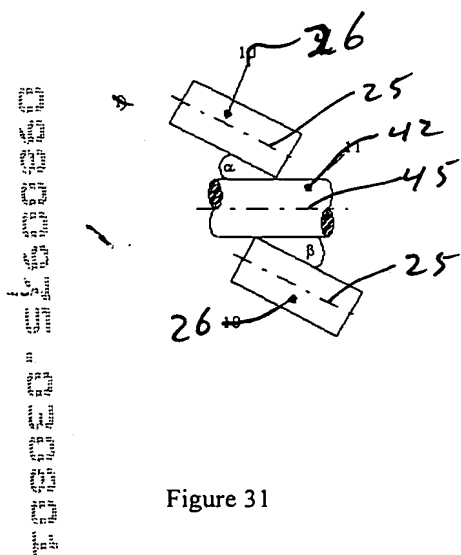


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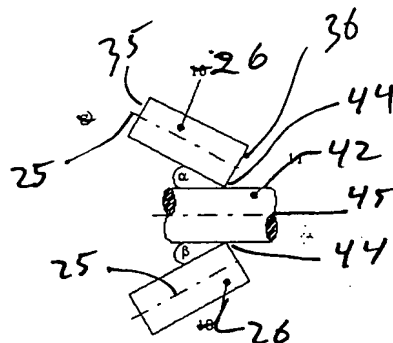


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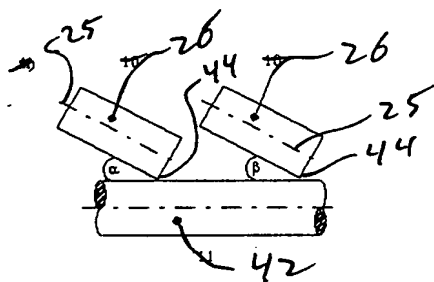


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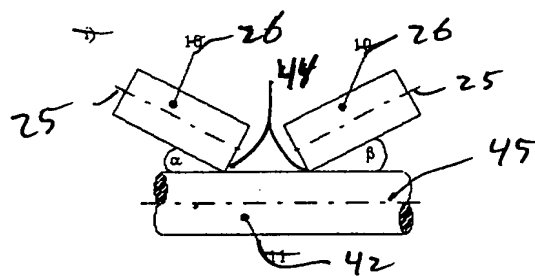


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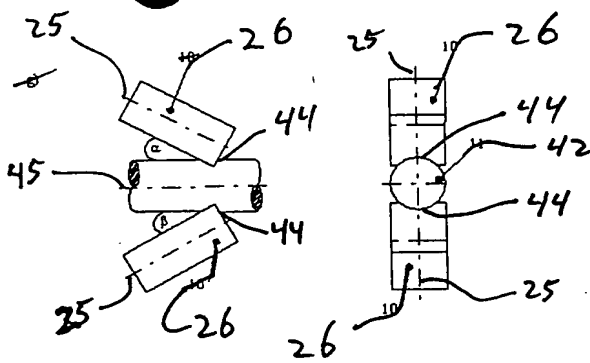


Figure 35

Figure 36

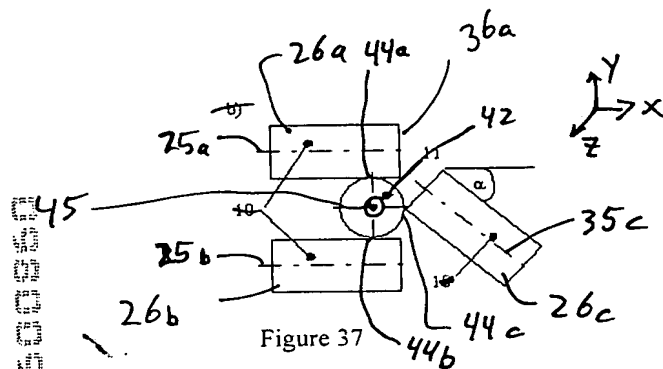


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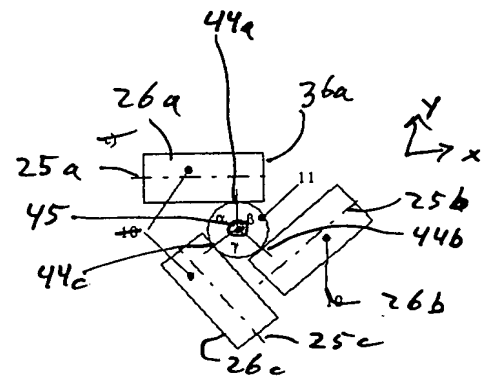


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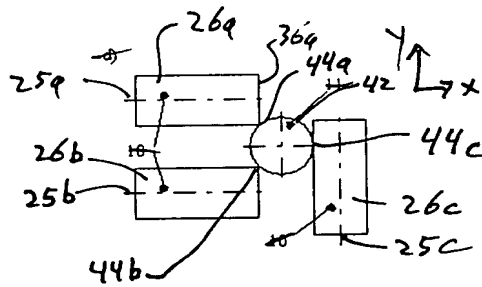


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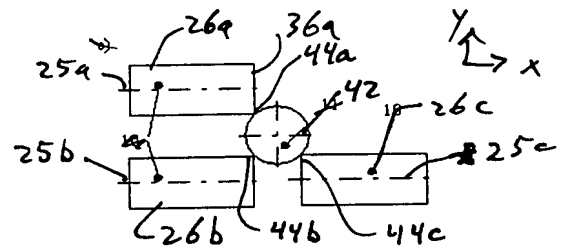


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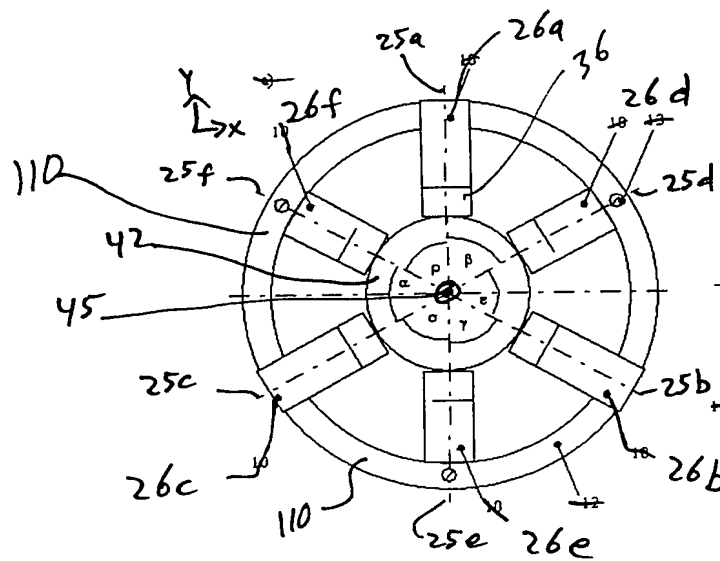


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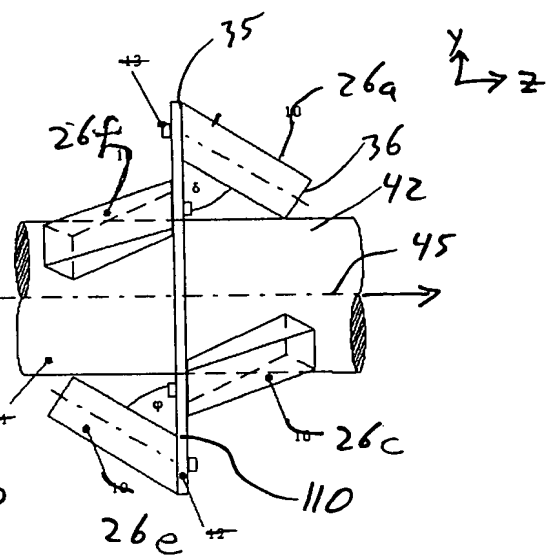


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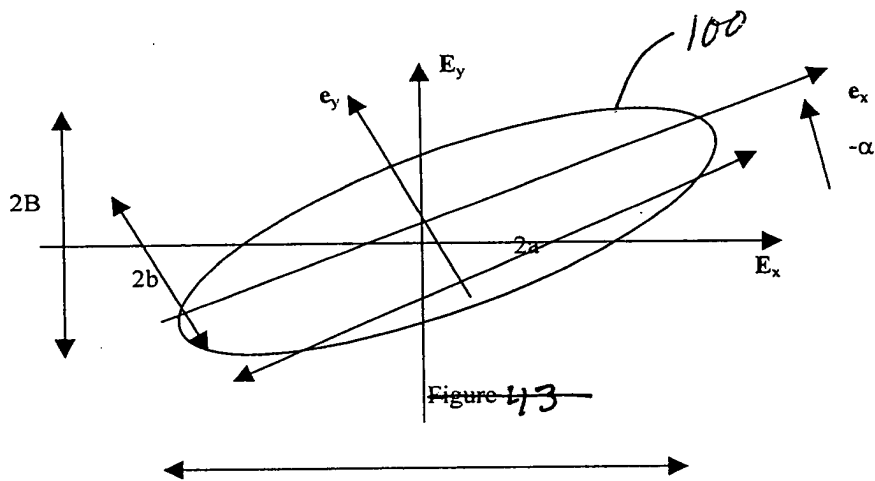


Figure 43

Figure 43

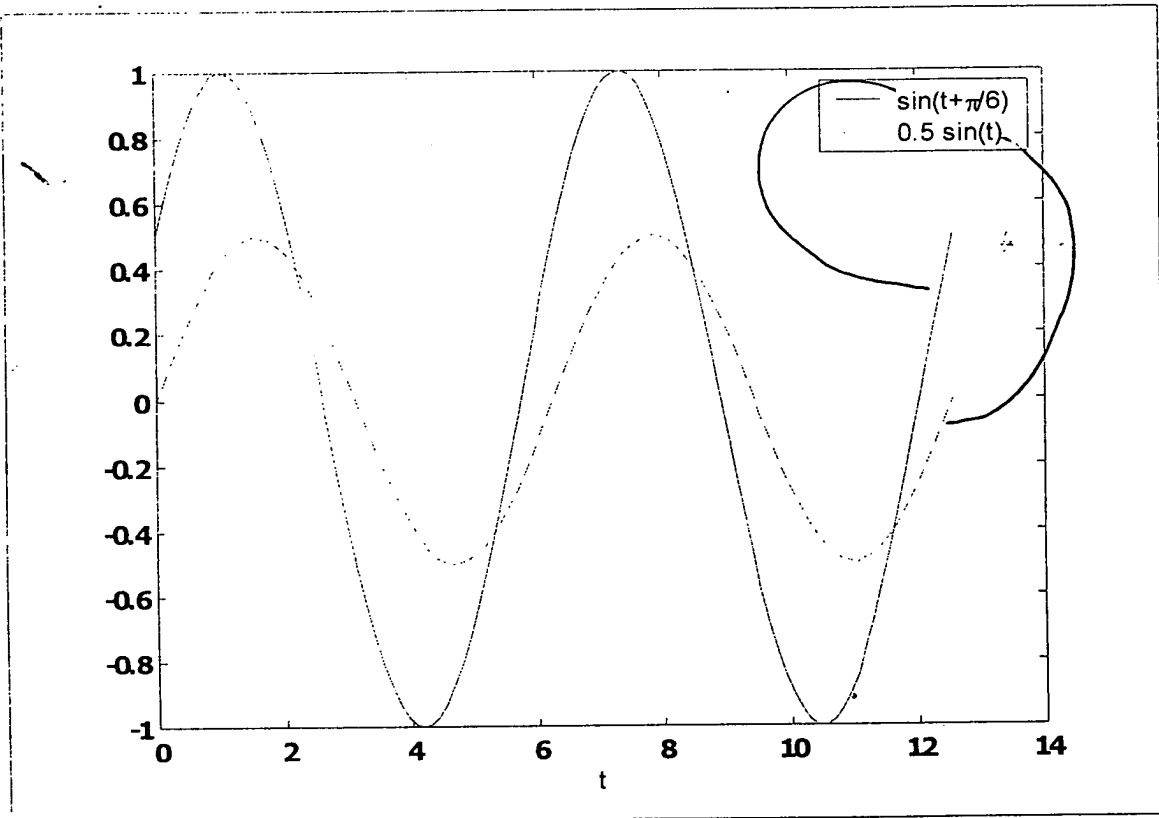


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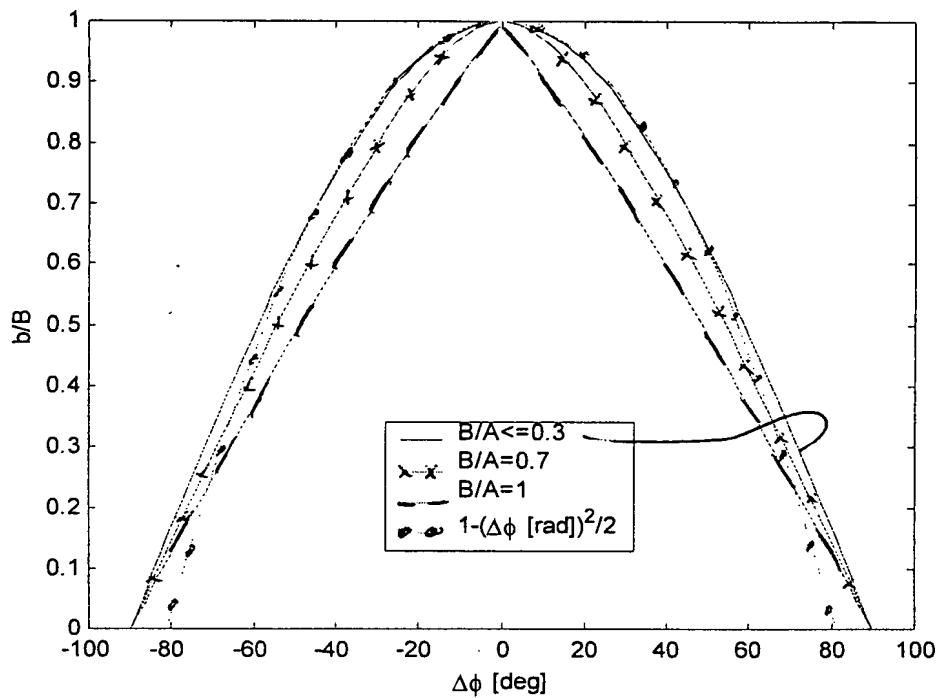


Figure 3a 45

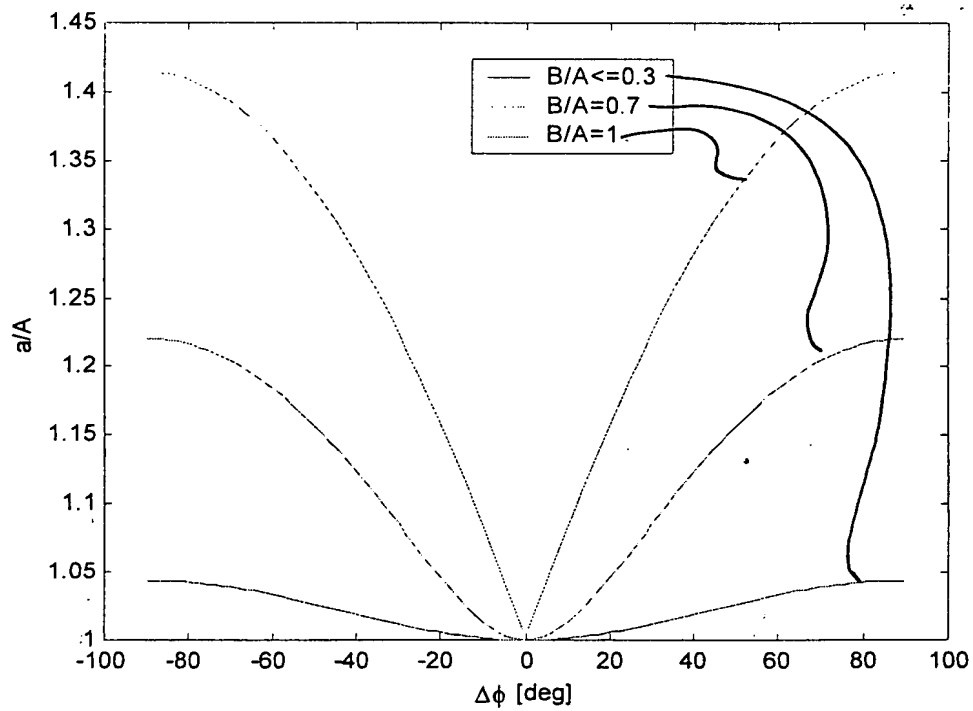


Figure 3b 46

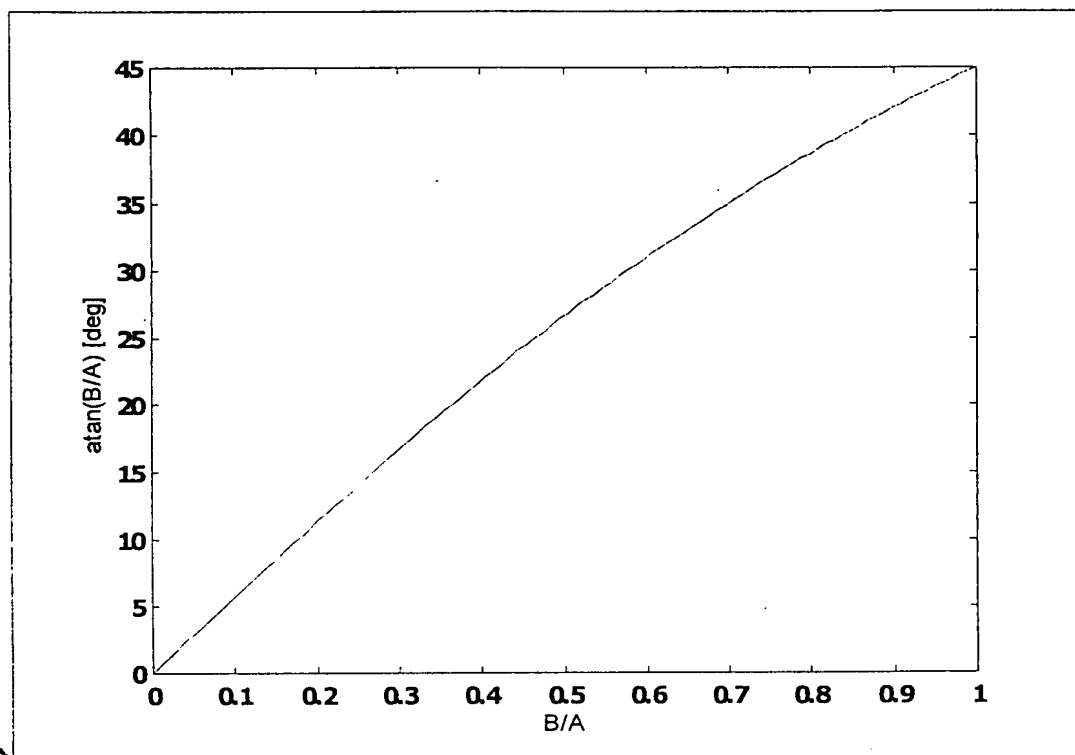


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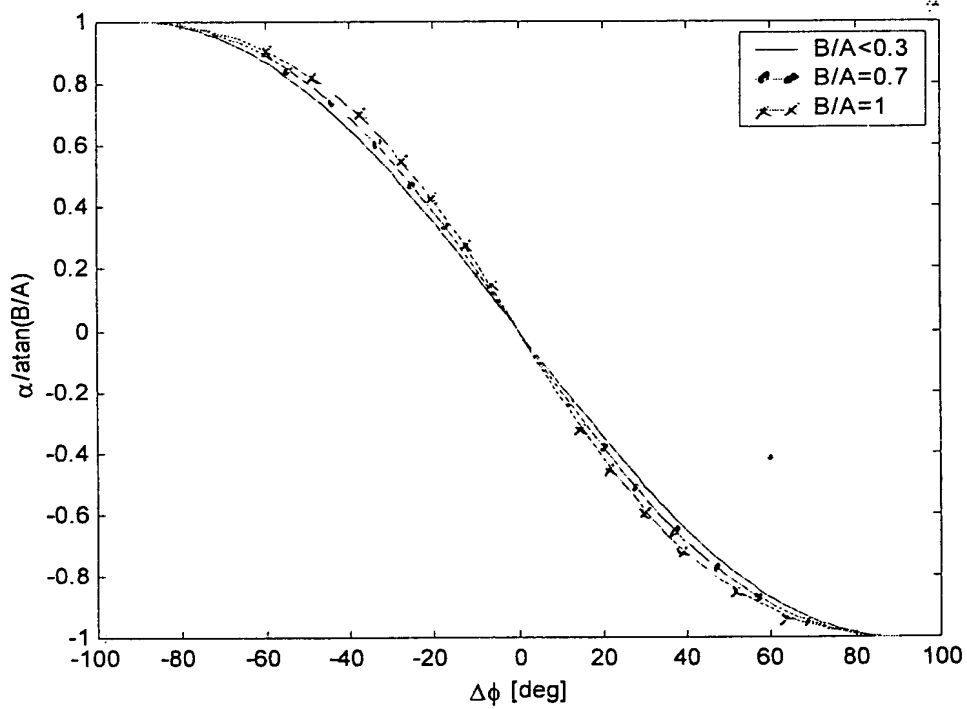


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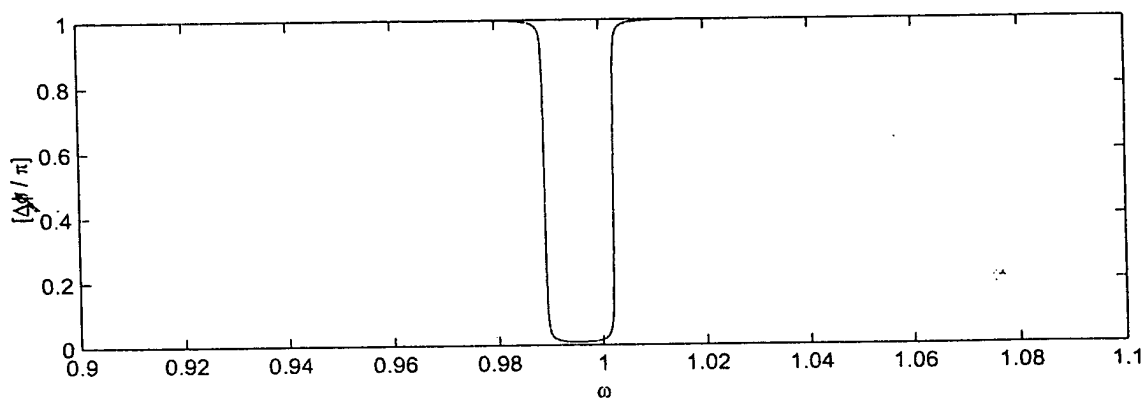
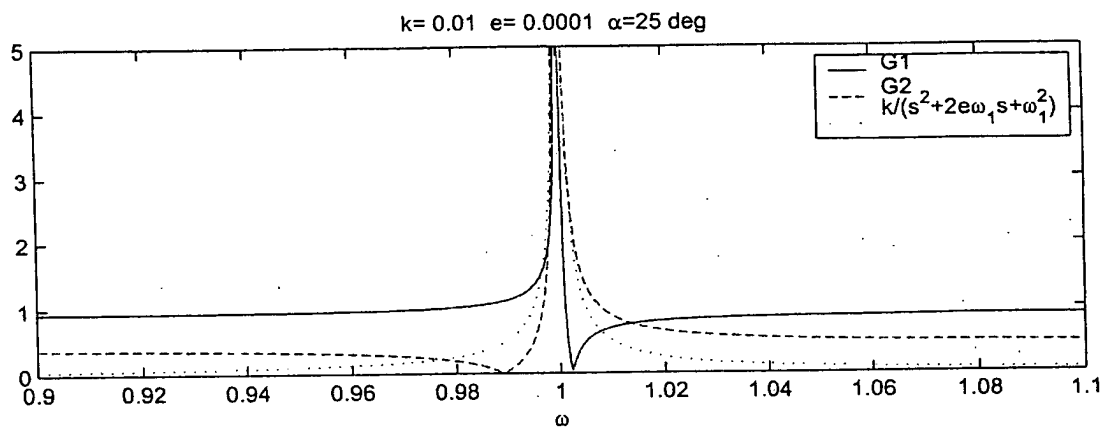


Figure 2a 49

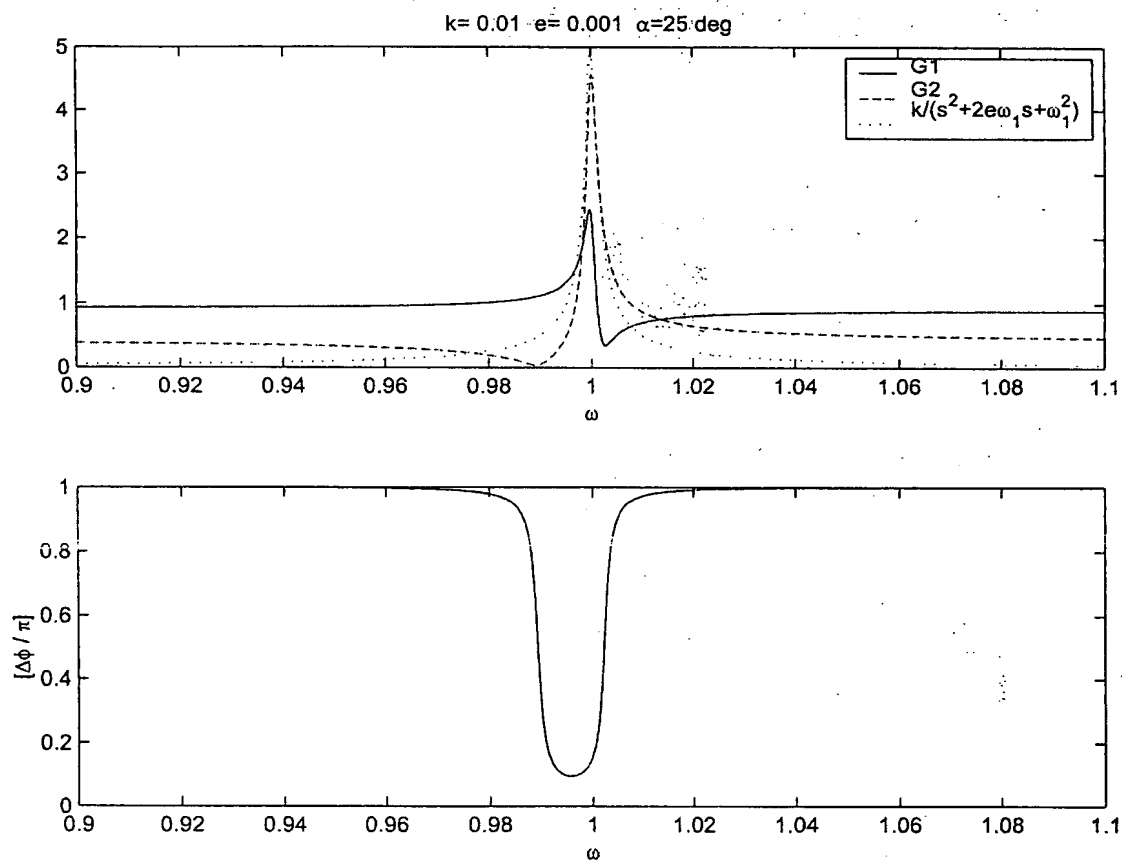


Figure 2b 50

Figure 51 shows the magnitude and phase of the transfer function $G(s)$ for a second-order system with parameters $k=0.01$, $e=0.003$, and $\alpha=25^\circ$. The magnitude plot (top) shows three curves: $G1$ (solid line), $G2$ (dashed line), and $k/(s^2+2e\omega_1s+\omega_1^2)$ (dotted line). The phase plot (bottom) shows the phase shift $[\Delta\phi/\pi]$ as a function of frequency ω .

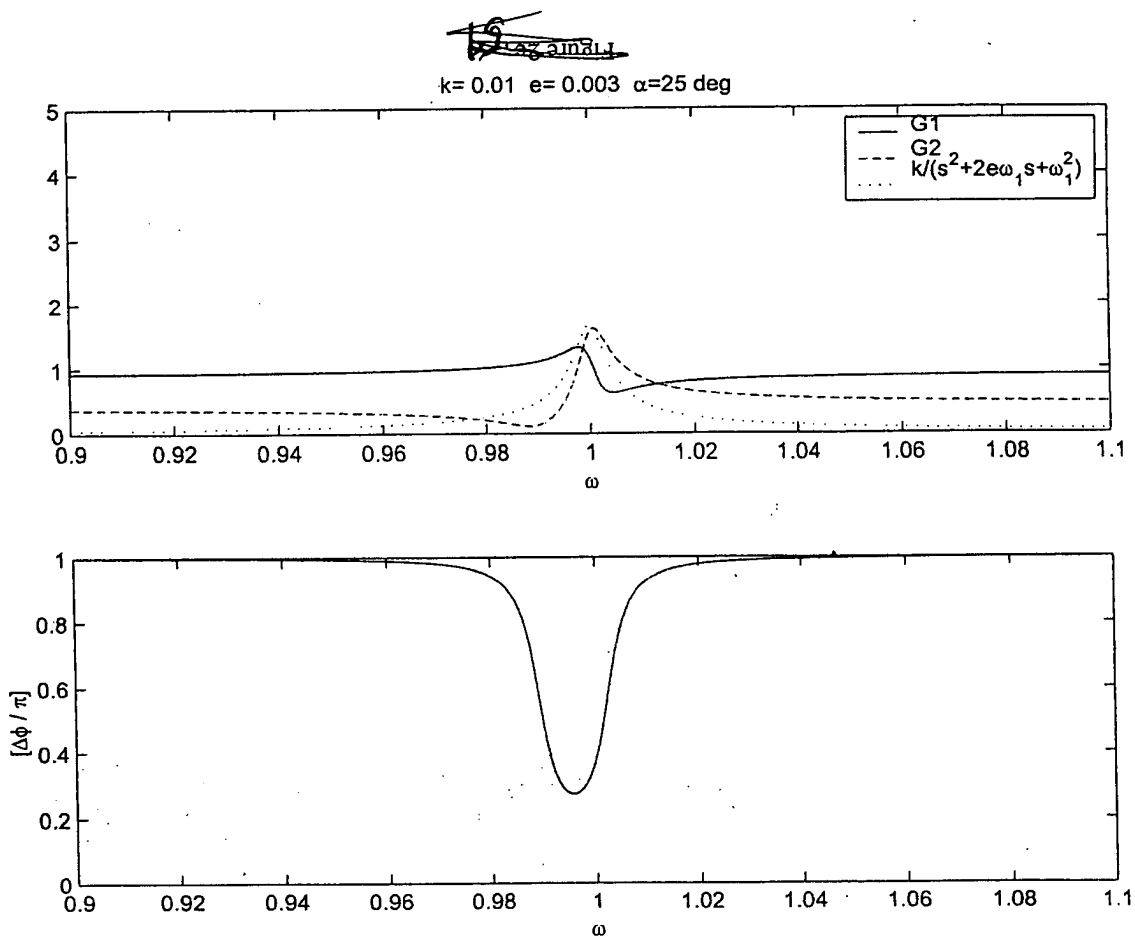


Figure 51

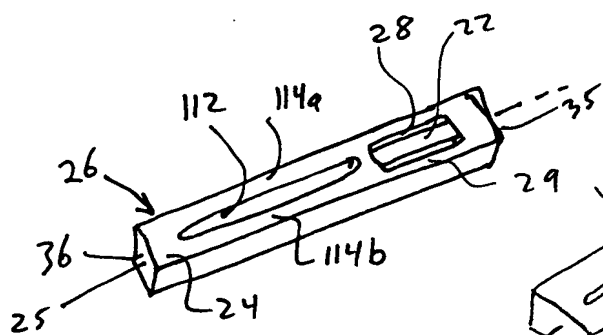


Figure 52

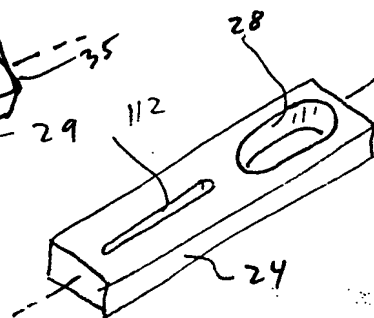


Figure 53

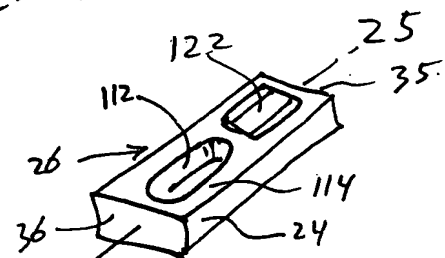


Figure 54

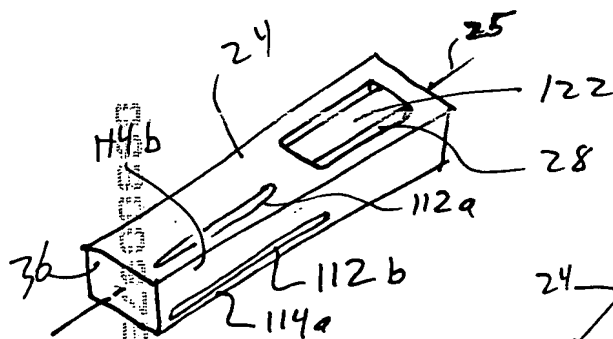


Figure 55

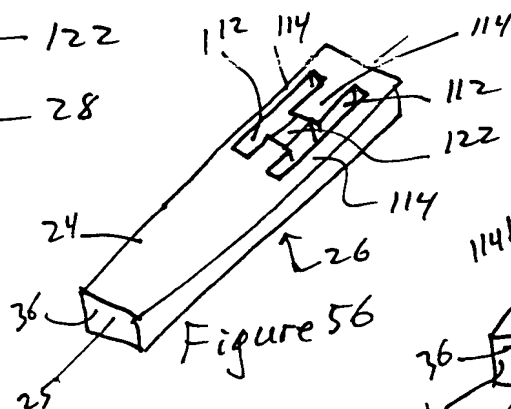


Figure 56

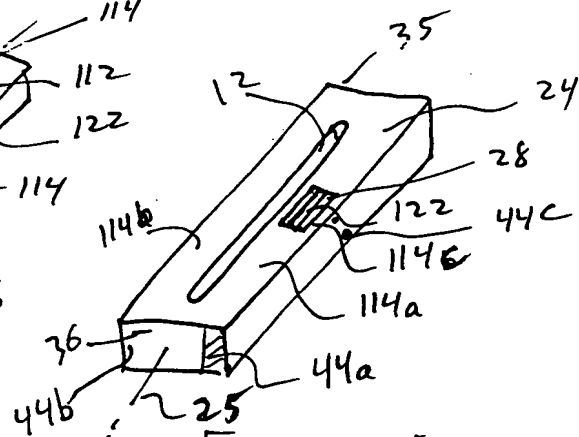


Figure 57

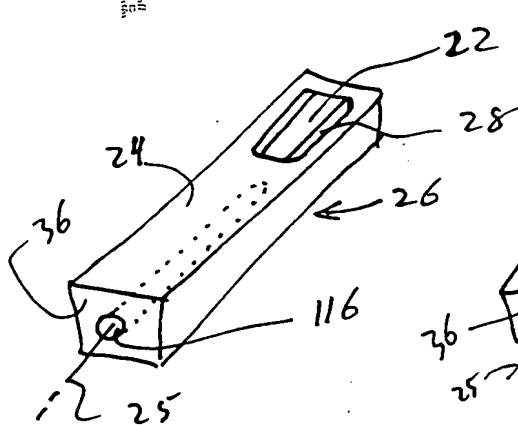


Figure 58

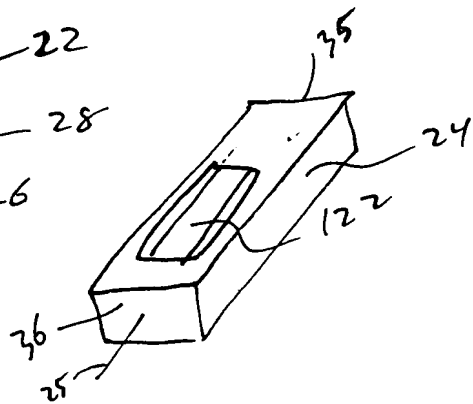


Figure 59

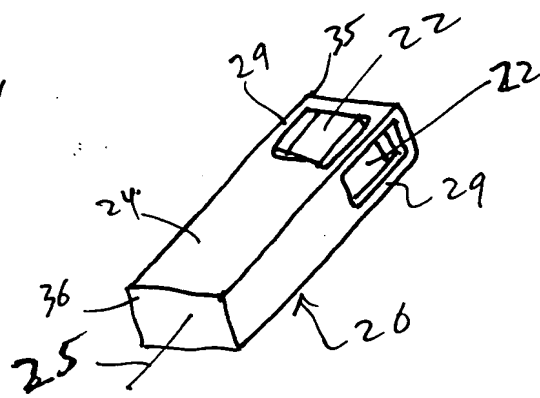
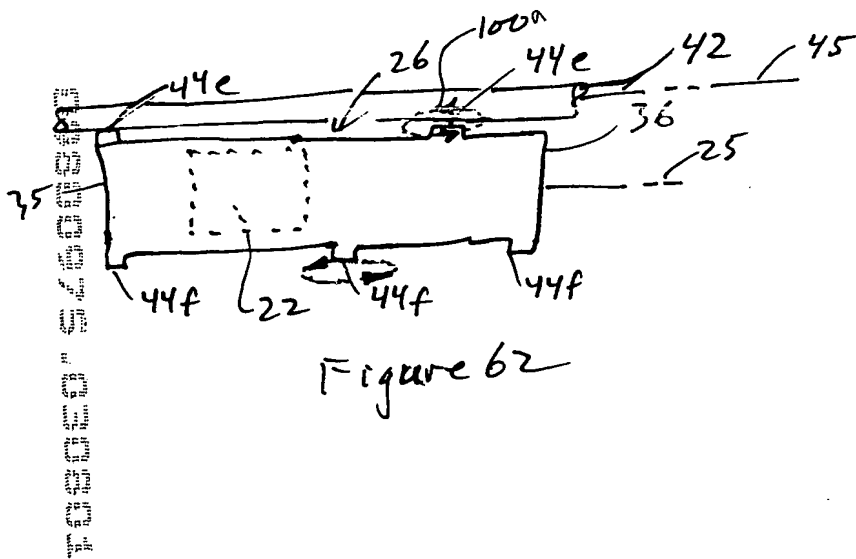
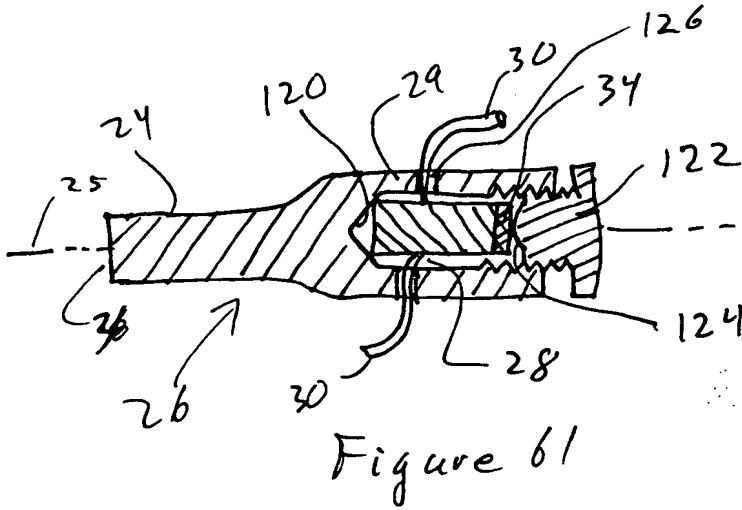


Figure 60



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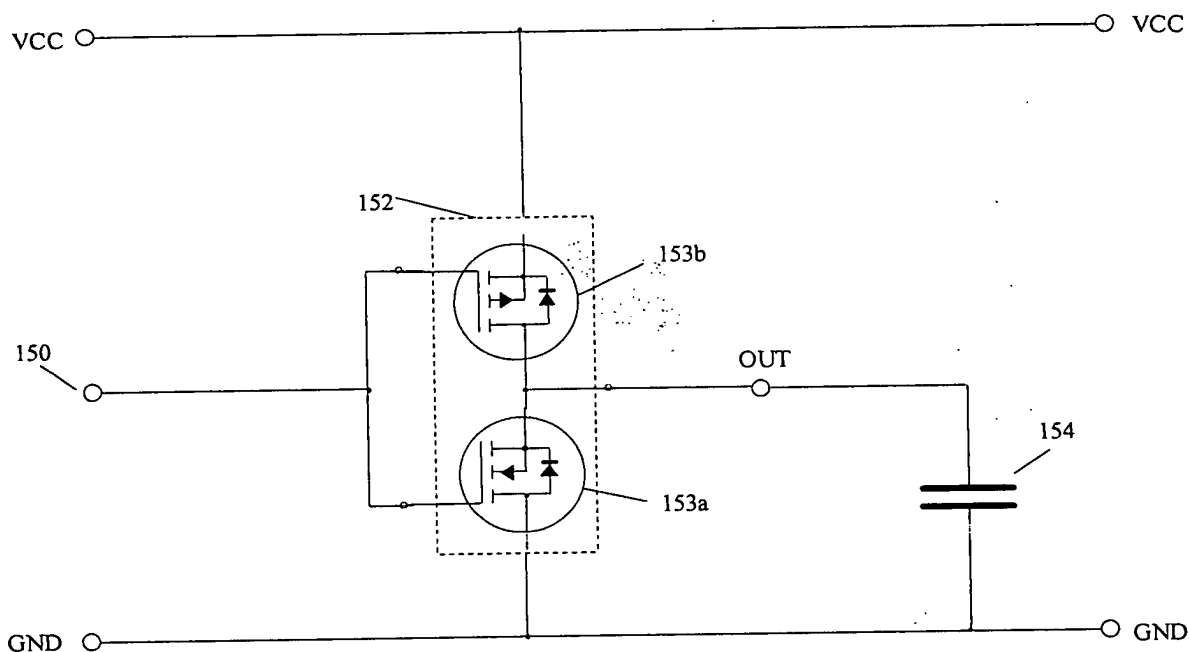


Figure 63

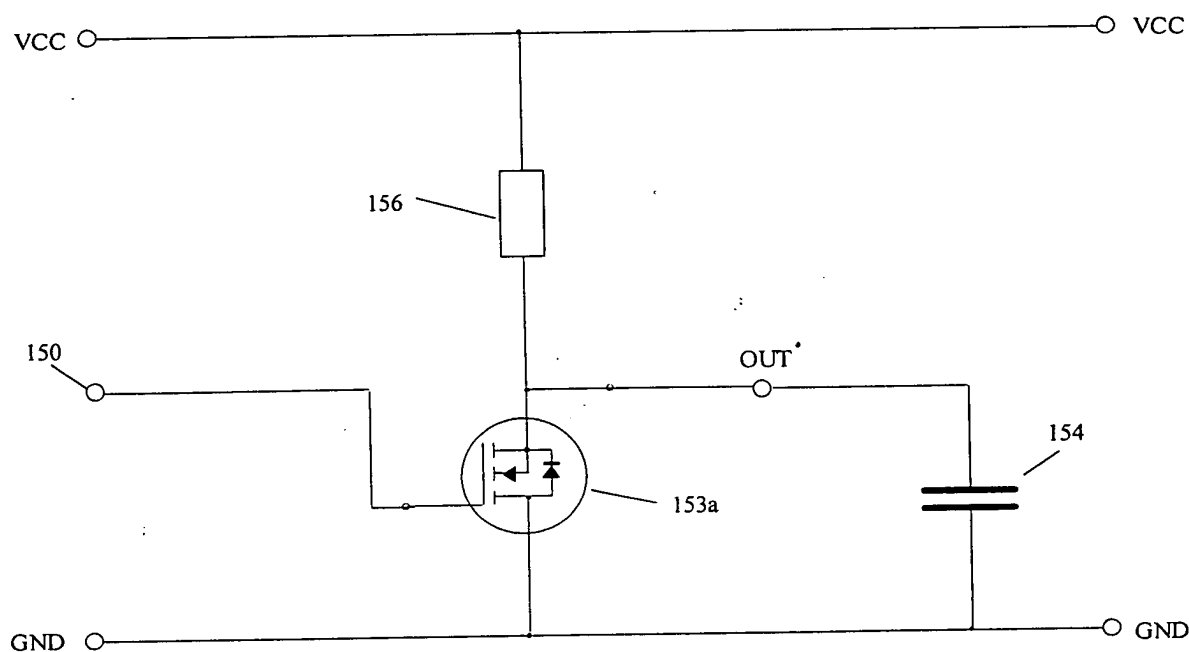


Figure 64

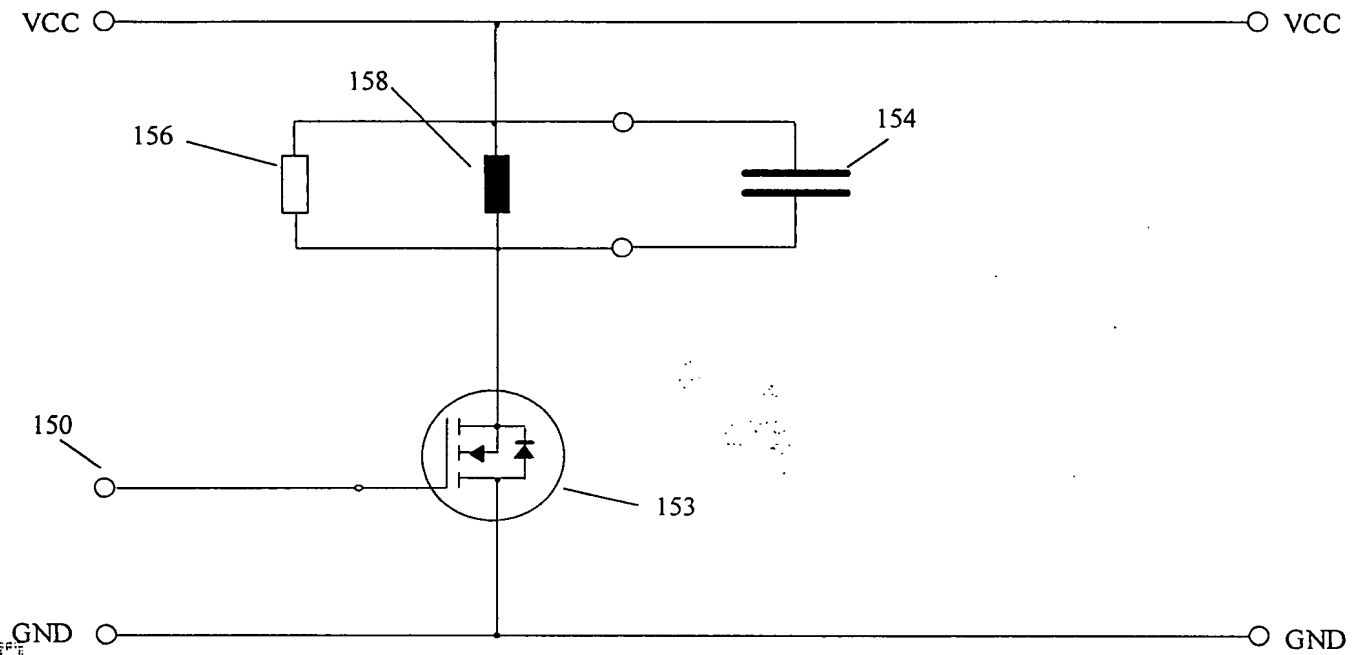


Figure 65

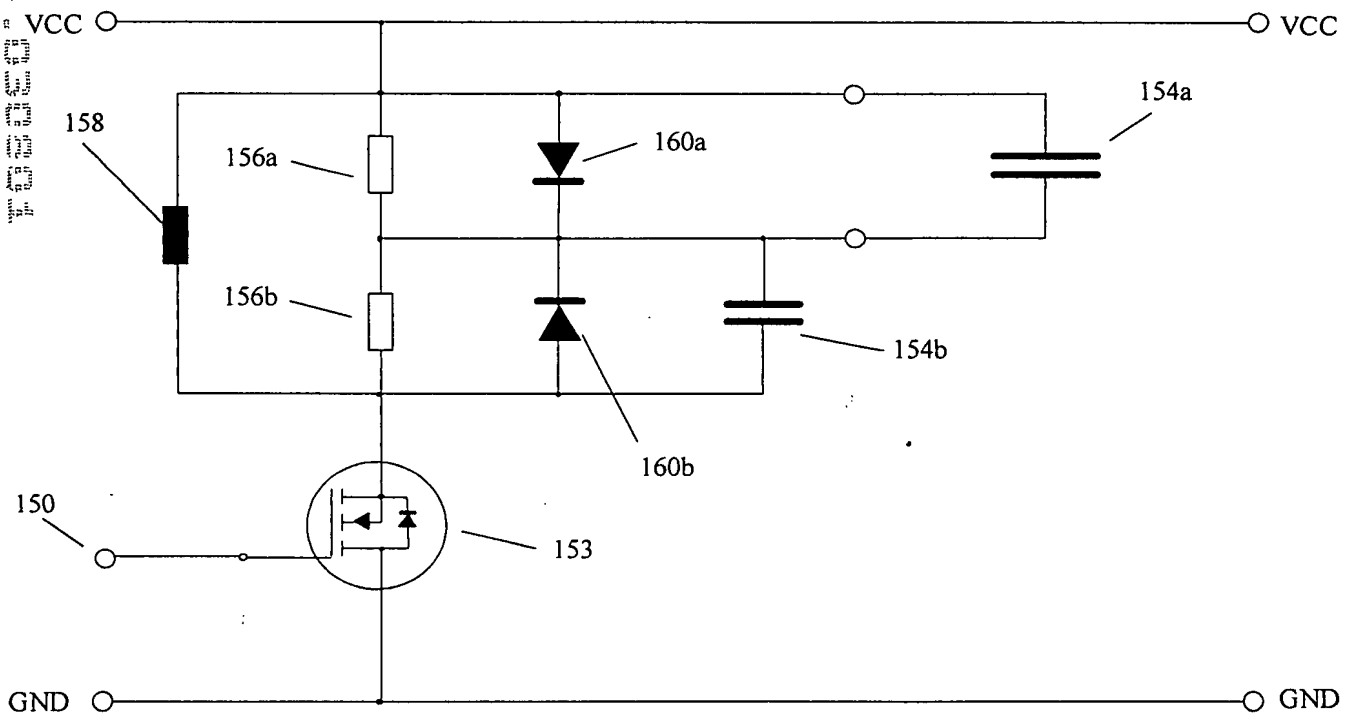
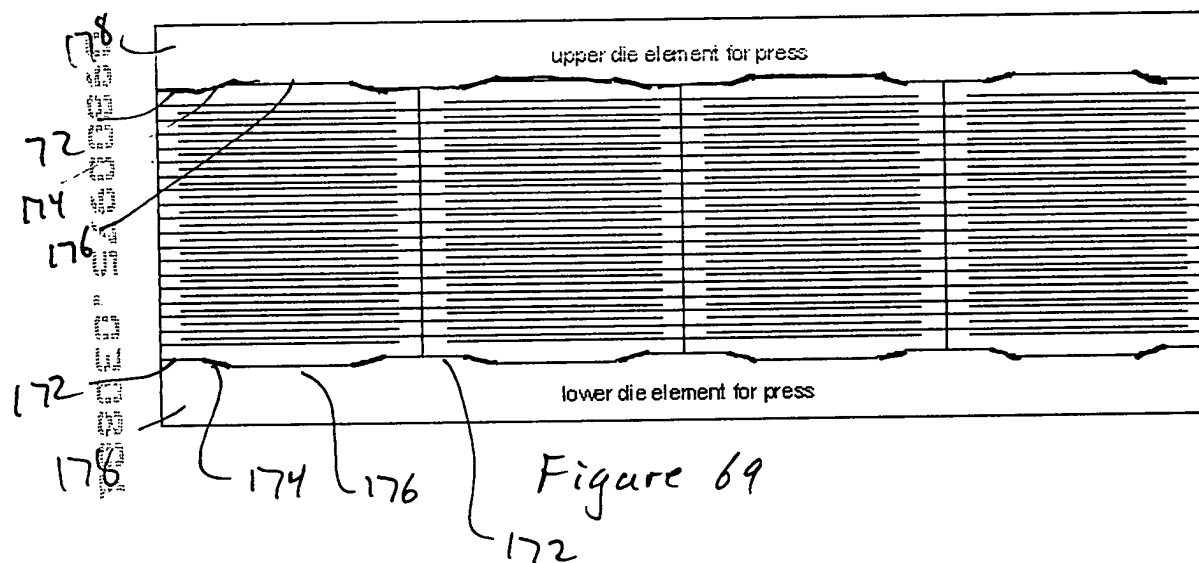
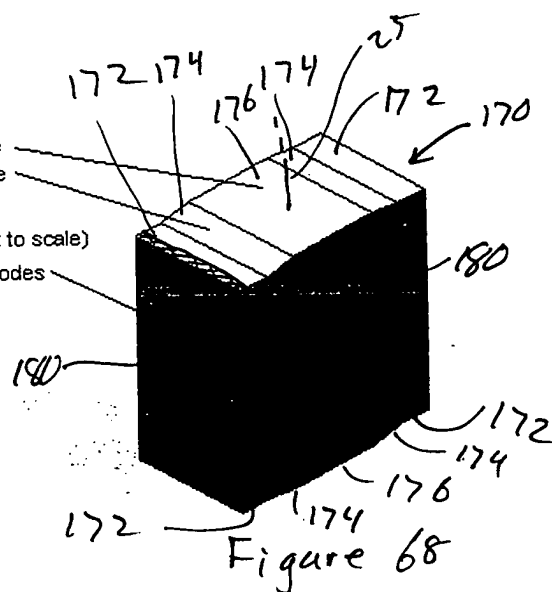
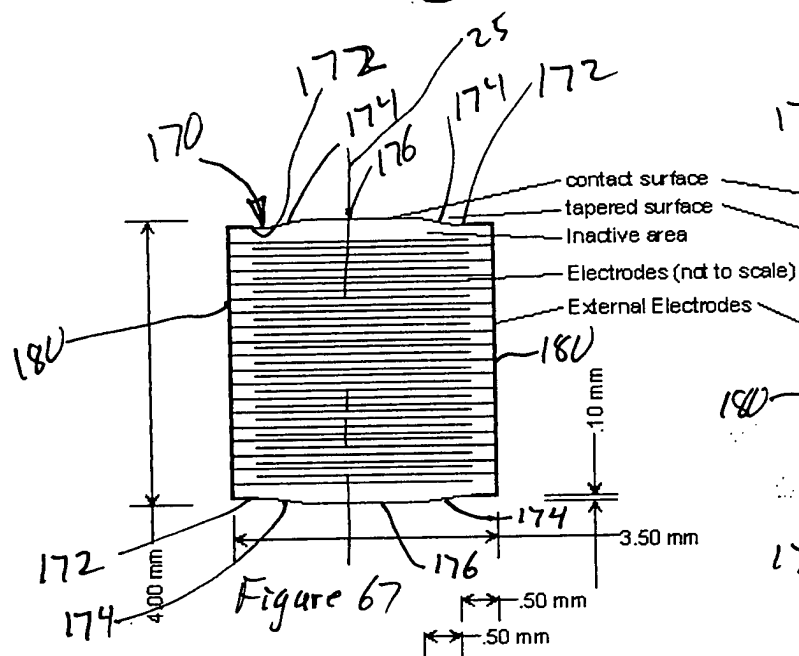


Figure 66



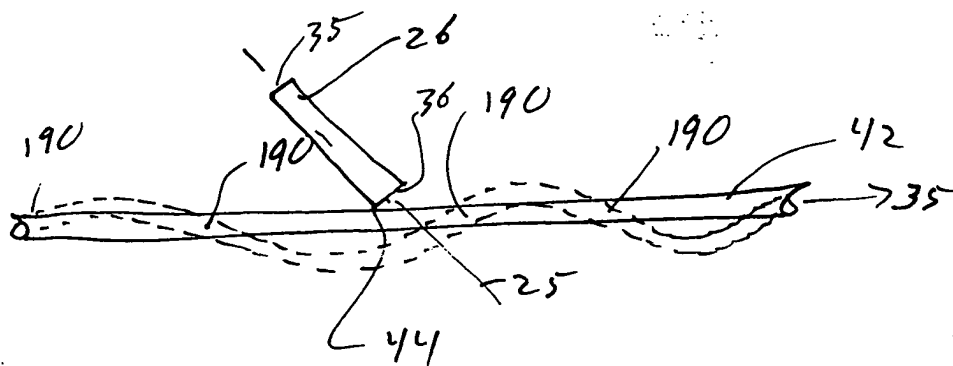


Figure 70

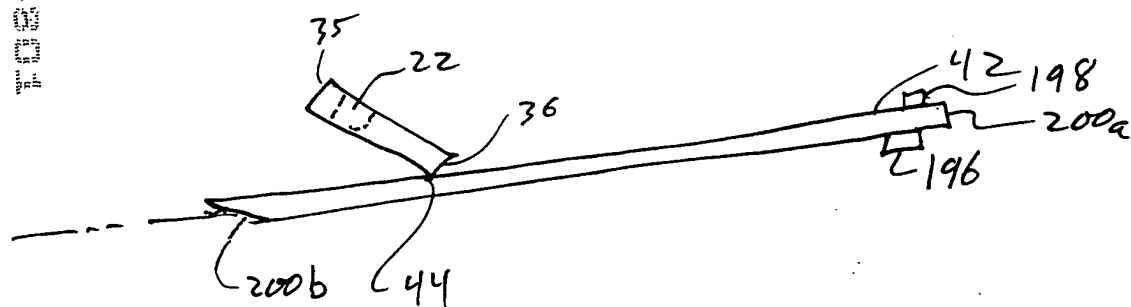


Figure 71

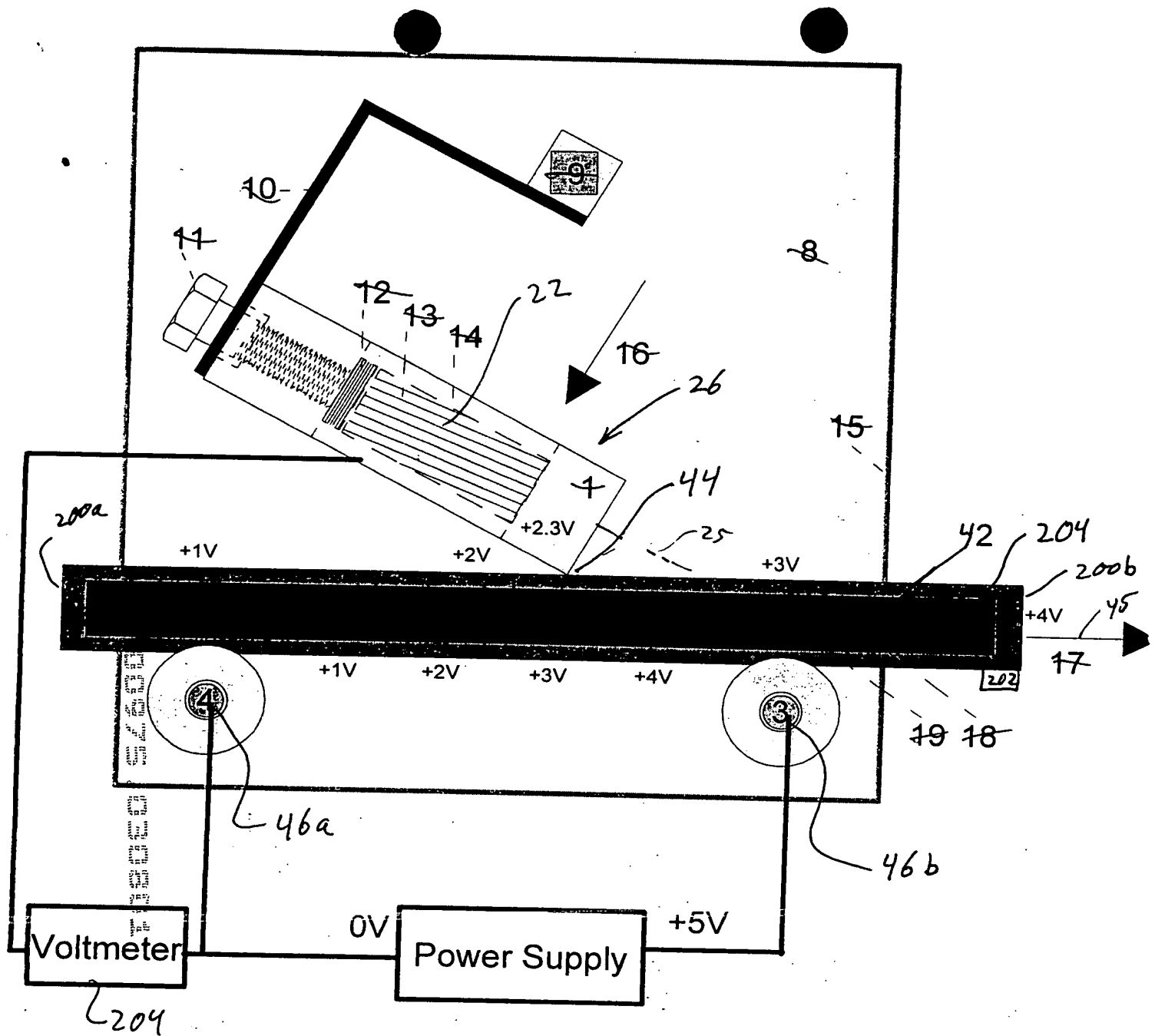


Figure 72

Figure 7.13

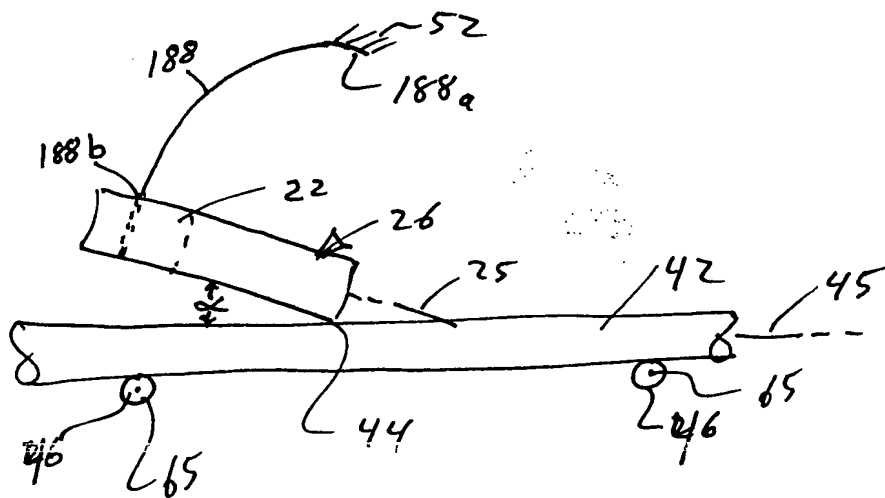


Figure 784

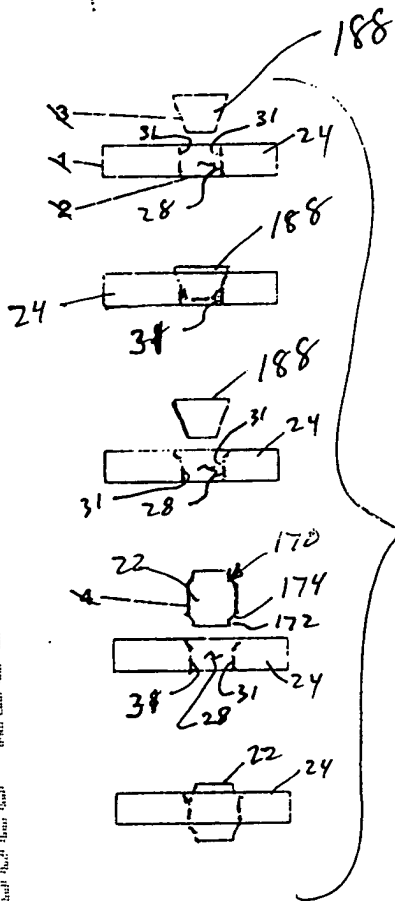


Figure 785

Fig

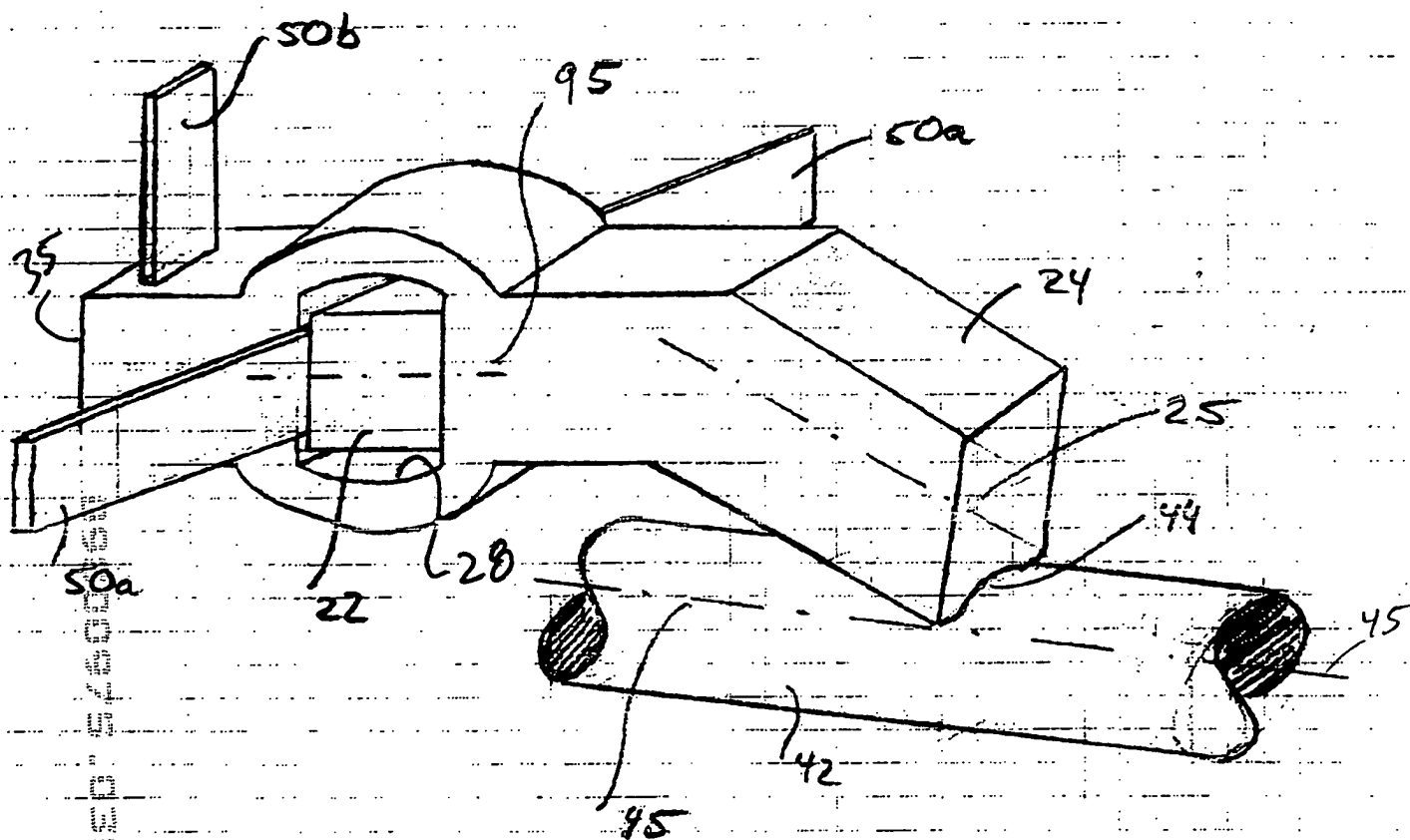


Figure 7

FIG. 78 is a perspective view of the device of FIG. 77, showing the device in a closed position. The device is shown in a perspective view, and the components are labeled with reference numerals. The device is shown in a closed position, and the components are labeled with reference numerals.

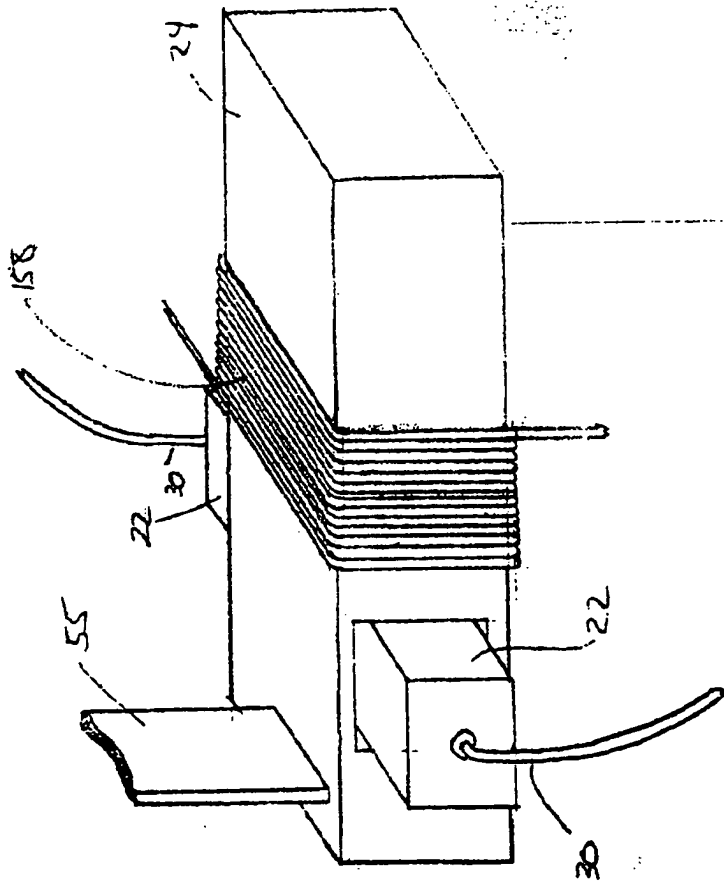


Figure 78

FIG. 79

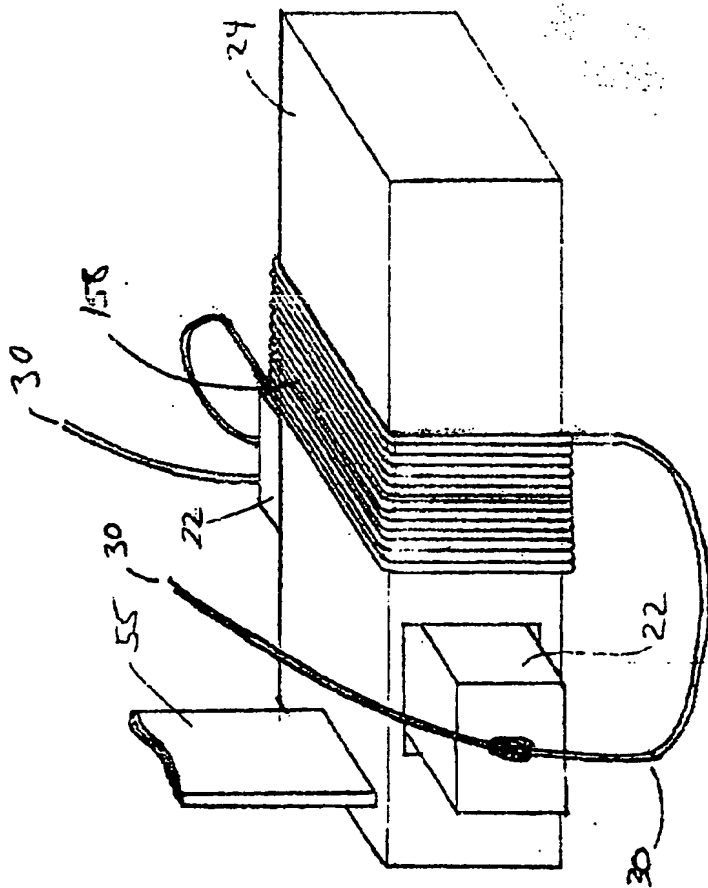


Figure 79

FIG. 80

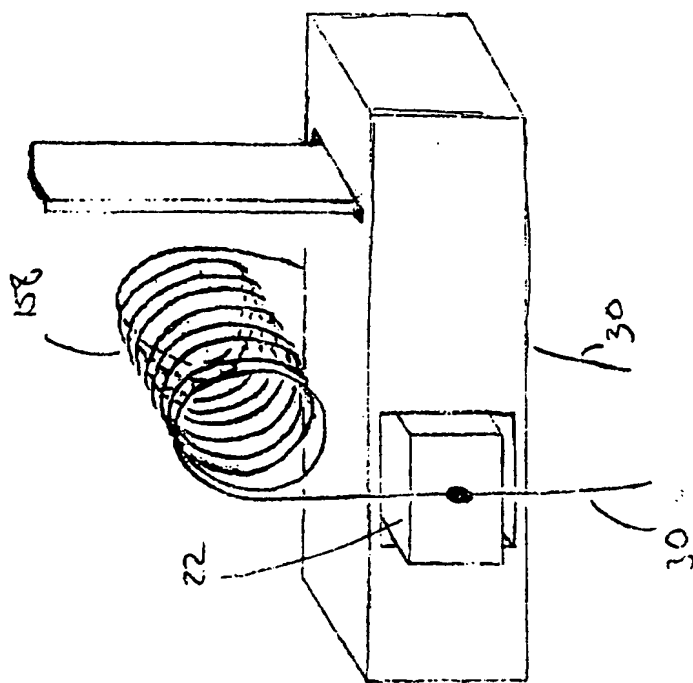


Figure 80

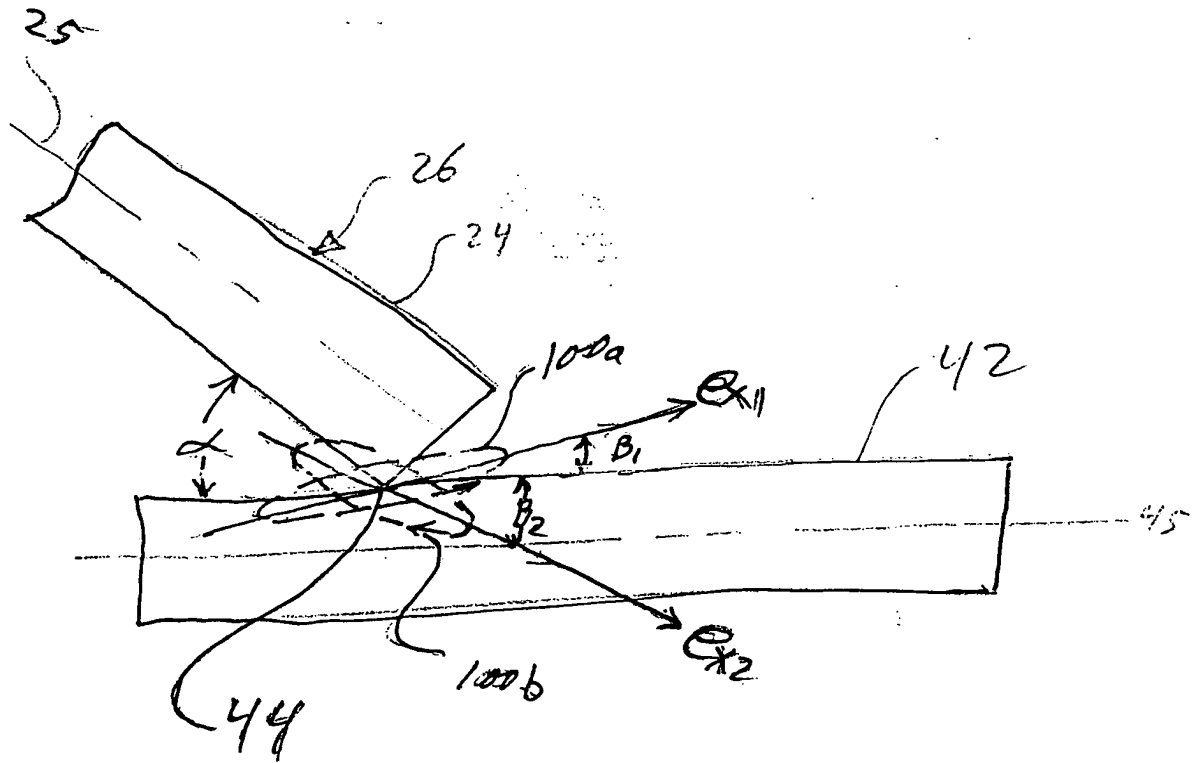


Figure ~~80~~ 81.